

The variables that are needed to be controlled would be the amount of enzyme placed in the apple sauce ^{and} the amount of apple sauce. It is critical to control the amount of enzyme added, so your results are not incorrect. It is also critical to control the amount of apple sauce. This is necessary so your results will be valid.

This response identifies two important variables to be controlled ('amount of enzymes', 'amount of apple sauce'). The explanation as to why it is important to control them is vague ('so your results will be valid.'). It is less complete and elaborated than the score 3 responses.

The variables are how much apple sauce they added to each cup and how much enzyme they added to each cup of apple sauce, not to mention the amount of time used in the experiment.

This response identifies several important variables to be controlled (i.e., "how much apple sauce," "how much enzyme," "amount of time") but fails to explain why it is important that they be controlled.

The variable that needs to be controlled is the amount of applesauce, so it could all be equal and if they not all equal the experiment won't work because they ^{applesauce} might fall quicker ~~as~~ than the others

This response identifies one important variable to be controlled ("amount of apple sauce"). The explanation as to why it is important to control them is not clear. It is less complete than the score 2 responses.

Well first of all they need a control, just a cup of apple sauce without any enzymes and they need to see how much juice comes out of that one. They also need to explain their experiment better by adding more procedure to be able to do this project correctly and have a valid conclusion when the project is done.

This response discusses the need for a control in the experiment and does not address variables that need to be controlled. It is, therefore, a marginal response to the question.

you must keep everything controlled
because if you give more enzyme than
the other one the experiment
won't be precise

This response does not identify any variables that need to be controlled. The explanation as to why it is important to control the variables is vague.